

INTERNATIONAL SEARCH REPORT

IB2004/004212

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/13 G11B7/135 H01S5/183

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 574 257 B1 (THRONTON ROBERT L ET AL) 3 June 2003 (2003-06-03)	1,3-6
Y	column 4, line 50 - column 15, line 4; figures 1-4	2
Y	GEORGE PAN Z ET AL: "OPTICAL INJECTION INDUCED POLARIZATION BISTABILITY IN VERTICAL-CAVITY SURFACE-EMITTING LASERS" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 63, no. 22, 29 November 1993 (1993-11-29), pages 2999-3001, XP000414956 ISSN: 0003-6951 the whole document	2



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

28/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>HUDGINGS J A ET AL: "COMPACT, INTEGRATED OPTICAL DISK READOUT HEAD USING A NOVEL BISTABLE VERTICAL-CAVITY SURFACE-EMITTING LASER" IEEE PHOTONICS TECHNOLOGY LETTERS, IEEE INC. NEW YORK, US, vol. 11, no. 2, February 1999 (1999-02), pages 245-247, XP000803439 ISSN: 1041-1135 the whole document</p>	1-6

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date		
US 6574257	B1	03-06-2003	W0	0157975 A2	09-08-2001